

Haidong Wang

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EDUCATION

Ph.D in Computer Science, Stanford University

Sep. 2001 – June 2008

- GPA: 4.3 (perfect)
- Relevant coursework: Probabilistic Models in Artificial Intelligence, Information Theory, Modern Applied Statistical Learning, Convex Optimization with Engineering Application
- Research specializes in applying artificial intelligence, statistical learning, and data mining to biology

M.S. in Ecology and Evolution, the University of Chicago

Jan. 1999 – Sep. 2001

B.S. in Mathematics, Fudan University

July 1995 – July 1998

EXPERIENCE

Trader in Rates and Hybrid Structured Product, UBS HK

June 2008 – Present

- Rotated and learned from traders on London and HK desk for 2 months each
- Learned how to price structured products for interest rates, long-dated FX, and hybrids such as Range Accrual and Quanto. Studied the relevant models and looked at the risks.
- Received training in fundamentals of interest rates, equity, credit, derivatives, and foreign exchange markets

Summer Analyst in Fixed-income Derivatives Trading, UBS HK

Apr. 2006 – June 2006

- Made a simplified Excel interface for marketers to price simple derivatives
- Fit an inverse normal distribution to the 4 observations on the long-dated FX using numerical optimization

Director of Stanford Asia Technology Initiative (ATI), Stanford University

Oct. 2001 – Sep. 2002

ATI aims to promote Silicon Valley entrepreneurship in Asia by establishing and coordinating summer internship and career opportunities in Shanghai, Tokyo, and Bangalore for Stanford students

- Conducted interviews and screened potential candidates for opportunities in Shanghai
- Organized speaker series and various conferences on Stanford campus and Shanghai
- Raised and managed event funding (US\$ 100,000)

SELECTED AWARDS

Gold Medalist, 36th International Mathematical Olympiad (IMO), Toronto, Canada, 1995

Silver Medalist, 35th International Mathematical Olympiad (IMO), Hong Kong, 1994

- Fifth person in China since 1985 to participate IMO twice

ADDITIONAL SKILLS AND EXPERIENCES

- Fluent in Unix, C, C++, Perl, Matlab, MySQL, VBA, and Excel
- Fluent in Chinese and English
- Basic Spanish – backpacking in Mexico, Cuba, and Argentina

SELECTED PUBLICATIONS

Boxem M, *et al*; A Protein Domain-Based Interactome Network for *C. elegans*. *Cell*, 2008

- Cell has an Impact Factor of 40.5, compared to 27.1 of Nature and 21.9 of Science

Segal E, Wang H, Koller D; Discovering Molecular Pathways from Protein Interaction and Gene Expression Data, *Bioinformatics*, 2003; 19 (Suppl 1): 264-272

- Recipient of the Best Student Paper Award at an international conference (*ISMB*)

Li WH, Gu Z, Wang H, Nekrutenko A; Evolutionary analyses of the human genome. *Nature*. 2001

- This paper is part of the first publish of the completely sequenced human genome